GLOBAL RISE GLOBAL FALL

DOWNSTEP↑ UPSTEP



THE INTERNATIONAL PHONETIC ALPHABET (REVISED TO 1993) CONSONANTS (PULMONIC)

Z					ے			
9	~				ے	1		
RYNGEAL					<i>ک</i>			
UVULAR PHA	g g	Z	R		Яχ			
VELAR	9	T.			×		3	-
PALATAL	c J	ď			7 3			Y
RETROFLEX	0	1		נו	2 8			_
VEOLAR F								
DENTAL ALVEOLAR POSTAL	p 1	u	5	.	88 s z [3	4 13	r	
LABIODENTAL		Ĺш			γJ		a	
BILABIAL BILABIAL	ЪÞ	m	В.		βØβ			
	PLOSIVE	NASAL	TRILL	TAP OR FLAP	FRICATIVE	LATERAL FRICATIVE	APPROXIMANT	LATERAL APPROXIMANT

WHERE SYMBOLS APPEAR IN PAIRS, THE ONE TO THE RIGHT REPRESENTS A VOICED CONSONANT SHADED AREAS DENOTE ARTICULATIONS JUDGED IMPOSSIBLE.

TONES & WORD ACCENTS	100	ĕ or 1 RISING	e v FALLING	A HIGH RISING	-	u 7 LOW KINING	7	e 7 RISING-FALLING ETC.	
<u> </u>		€ or] EXTRA	를 를 T	е П	@ T	MOT I	Ē,	EXTRA	MO] □ □
SUPRASEGMENTALS	PRIMARY STRESS	SECONDARY STRESS	' HALF-LONG er	Č EXTRA-SHORT Č	. SYLLABLE BREAK ii.ækt	I MINOR (FOOT) BREAK	II MAJOR (INTONATION) GROUP	LINKING (ABSENCE OF A BREAK)	-

TO FIG. 1 CONT.

נס ㅁ미



FROM FIG.

DIACRITICS MAY BE PLACED ABOVE A SYMBOL WITH A DESCENDER, E.G. 🐧

LAMINAL ENTA PENTA 0 ය () ن ب BREATHY VOICED ኳ 🚓 **CREAKY VOICED** LINGUOLABIAL r G **C**.

NASALIZED twdw LABIALIZED € က MORE ROUNDED VOICELESS ASPIRATED

WHERE SYMBOLS APPEAR IN PAIRS, THE ONE TO THE RIGHT

REPRESENTS A ROUNDED VOWEL

C

v-0 € E - a

ω

OPEN-MID

83

쭕

GENTRAL

CLOSE i .V

VOWELS

FROM FIG. 1

 \supset

CLOSE-MID e

NO AUDIBLE RELEASE d' LATERAL RELEASE NASAL RELEASED trdr PHARYNGEALIZED to de <u>ئ</u> PALATALIZED VELARIZED C **ESS ROUNDED** RETRACTED ADVANCED

Q (B) = VOICED BILABIAL APPROXIMANT e (1 = VOICED ALVEOLAR FRICATIVE) — VELARIZED OR PHARYNGEALIZED

♣ œ. RETRACTED TONGUE ROOT ADVANCED TONGUE ROOT LOWERED RAISED á :o စ O. MID-CENTRALIZED NON-SYLLABIC · CENTRALIZED SYLLABIC RHOTICITY

Қ) ts)

TIONS CAN BE REPRESENTED BY TWO AFFRICATES AND DOUBLE ARTICULA.

G Z ALVEOLOPALATAL FRICATIVES I ALVEOLAR LATERAL FLAP

SIMULTANEOUS J AND X

VOICED LABIAL-PALATAL APPROXIMANT

VOICELESS EPIGLOTTAL FRICATIVE

VOICED EPIGLOTTAL FRICATIVE

はそら

A VOICELESS LABIAL-VELAR FRICATIVE VOICED LABIAL-VELAR APPROXIMANT

OTHER SYMBOLS

SYMBOLS JOINED BY A TIE BAR IF

FIG. 1 CONT.